

Compliments of Wm. Mills

669-7 ~~5548~~

NEW ENGLAND

STEAM COOPERAGE COMPANY,

— MANUFACTURERS OF —

Tanks, Vats, Cisterns,

✦ RESERVOIRS, ✦

CASKS, BARRELS, KEGS,

And all kinds of

✦ COOPERAGE. ✦

~~~~~  
OFFICE, 160 STATE STREET,

BOSTON, MASS.



11/12/1911  
11/12/1911  
11/12/1911

(61890)

# NEW ENGLAND STEAM COOPERAGE CO.,

OFFICE,  
160 STATE STREET,  
Boston, Mass.

Gentlemen:

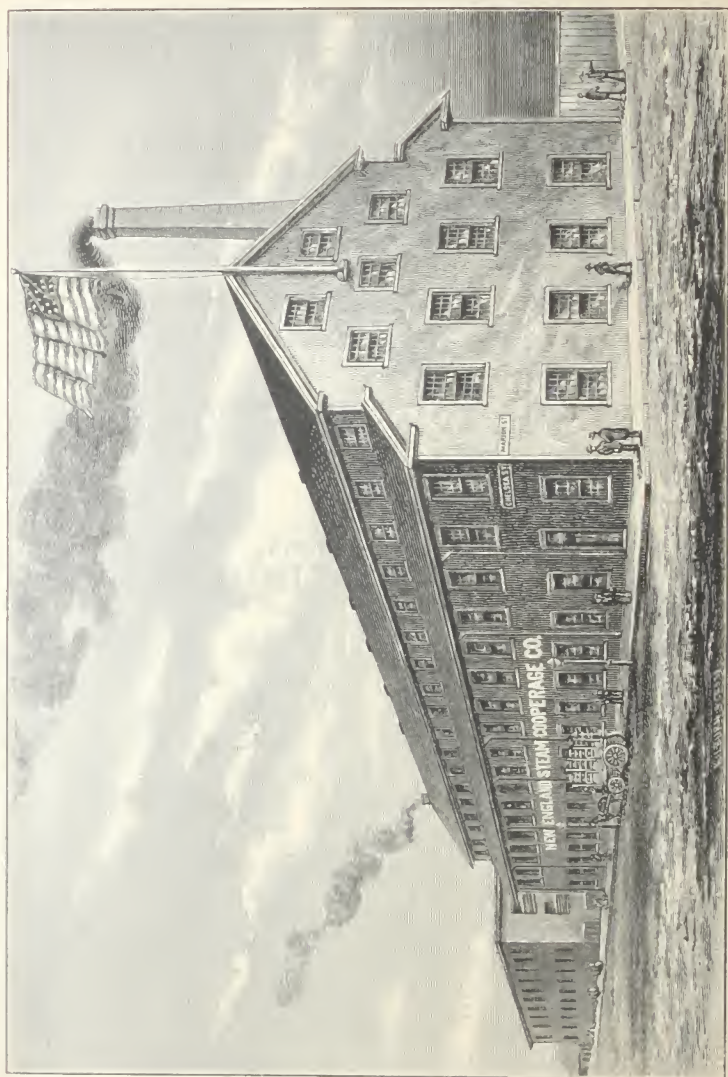
We take pleasure in handing you, for inspection, our illustrated catalogue. Having completed our new factory, we consider our facilities for manufacturing cooperage unsurpassed. Our long experience in the business has enabled us to furnish our factory with the finest quality of machinery and tools, and combining these with the best of stock, and employing as we do the most skilled workmen, we feel confident that our goods are first-class. It is as such we warrant them. We shall endeavor in the future, as in the past, to excel in every department, by adopting modern improvements, and our prices will always be found as low as possible for the class of goods.

Thanking our many patrons for their generous support and encouragement, and hoping to merit a continuance of the same, we are

Yours respectfully,

New England Steam Cooperage Co.

*Wm W Smith Pres*



NEW ENGLAND STEAM COOPERAGE COMPANY, — BOSTON, MASS.



# TANKS, VATS, AND KIERS,

— OF —

CEDAR. CYPRESS, PINE, OR OAK,

— FOR —

Bleacheries, Cotton Mills, Chem-  
icals, Dye Houses, Woolen  
Mills,

AND FOR ALL

**MANUFACTURERS'**

PURPOSES.

CISTERNS,

DYE TUBS,

BOILING KIERS,

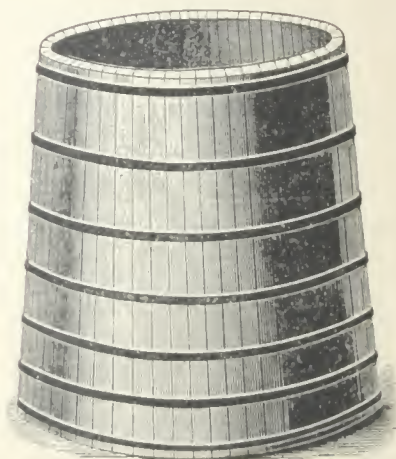
Bleaching Tubs,

Hot and Cold Blue Vats,

Wash Boxes.

NEW ENGLAND  
STEAM COOPERAGE COMPANY,

Boston, Mass.



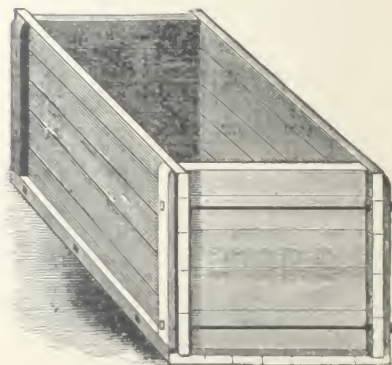
We call attention to our table on opposite page for the capacity of any Round Tank from 3 feet, mean diameter, to 23 feet 4 inches, mean diameter, inside, 1 inch in depth. Thus a tank 5 feet, mean diameter, 1 inch deep, holds 12.24 gallons; 60 inches deep, would hold 734.40 gallons.

| MEAN<br>DIA.   | GALS. | MEAN<br>DIA.   | GALS. | MEAN<br>DIA.   | GALS.  | MEAN<br>DIA.   | GALS.  | MEAN<br>DIA.   | GALS.  |
|----------------|-------|----------------|-------|----------------|--------|----------------|--------|----------------|--------|
| <i>Ft. In.</i> |       | <i>Ft. In.</i> |       | <i>Ft. In.</i> |        | <i>Ft. In.</i> |        | <i>Ft. In.</i> |        |
| 3.0            | 4.41  | 7.1            | 24.57 | 11.2           | 61.04  | 15.3           | 113.86 | 19.4           | 183.00 |
| 3.1            | 4.65  | 7.2            | 25.25 | 11.3           | 61.97  | 15.4           | 115.00 | 19.5           | 184.58 |
| 3.2            | 4.90  | 7.3            | 25.73 | 11.4           | 62.88  | 15.5           | 116.37 | 19.6           | 186.17 |
| 3.3            | 5.17  | 7.4            | 26.32 | 11.5           | 64.00  | 15.6           | 117.62 | 19.7           | 188.67 |
| 3.4            | 5.44  | 7.5            | 26.93 | 11.6           | 64.75  | 15.7           | 118.89 | 19.8           | 189.37 |
| 3.5            | 5.71  | 7.6            | 27.54 | 11.7           | 65.75  | 15.8           | 120.17 | 19.9           | 190.97 |
| 3.6            | 6.00  | 7.7            | 28.16 | 11.8           | 66.64  | 15.9           | 121.45 | 19.10          | 192.58 |
| 3.7            | 6.28  | 7.8            | 28.77 | 11.9           | 67.60  | 15.10          | 122.74 | 19.11          | 194.21 |
| 3.8            | 6.58  | 7.9            | 29.41 | 11.10          | 68.75  | 15.11          | 124.04 | 20.0           | 195.84 |
| 3.9            | 6.89  | 7.10           | 30.04 | 11.11          | 69.52  | 16.0           | 125.34 | 20.1           | 197.47 |
| 3.10           | 7.19  | 7.11           | 30.69 | 12.0           | 70.50  | 16.1           | 126.65 | 20.2           | 199.12 |
| 3.11           | 7.51  | 8.0            | 31.33 | 12.1           | 71.49  | 16.2           | 127.96 | 20.3           | 200.97 |
| 4.0            | 7.83  | 8.1            | 31.99 | 12.2           | 72.47  | 16.3           | 129.29 | 20.4           | 202.42 |
| 4.1            | 8.16  | 8.2            | 32.65 | 12.3           | 73.47  | 16.4           | 130.61 | 20.5           | 204.08 |
| 4.2            | 8.50  | 8.3            | 33.32 | 12.4           | 74.47  | 16.5           | 131.95 | 20.6           | 205.75 |
| 4.3            | 8.84  | 8.4            | 34.00 | 12.5           | 75.48  | 16.6           | 133.29 | 20.7           | 207.43 |
| 4.4            | 9.19  | 8.5            | 34.68 | 12.6           | 76.50  | 16.7           | 134.64 | 20.8           | 209.11 |
| 4.5            | 9.55  | 8.6            | 35.37 | 12.7           | 77.52  | 16.8           | 136.00 | 20.9           | 210.80 |
| 4.6            | 9.91  | 8.7            | 36.07 | 12.8           | 78.55  | 16.9           | 137.35 | 20.10          | 212.50 |
| 4.7            | 10.47 | 8.8            | 36.77 | 12.9           | 79.59  | 16.10          | 138.73 | 20.11          | 214.20 |
| 4.8            | 10.66 | 8.9            | 37.49 | 12.10          | 80.62  | 16.11          | 140.11 | 21.0           | 215.91 |
| 4.9            | 11.05 | 8.10           | 38.20 | 12.11          | 81.68  | 17.0           | 141.49 | 21.1           | 217.63 |
| 4.10           | 11.43 | 8.11           | 38.92 | 13.0           | 82.74  | 17.1           | 142.89 | 21.2           | 219.35 |
| 4.11           | 11.83 | 9.0            | 39.66 | 13.1           | 83.80  | 17.2           | 144.28 | 21.3           | 221.09 |
| 5.0            | 12.24 | 9.1            | 40.76 | 13.2           | 84.87  | 17.3           | 145.69 | 21.4           | 222.82 |
| 5.1            | 12.75 | 9.2            | 41.14 | 13.3           | 85.96  | 17.4           | 147.10 | 21.5           | 224.57 |
| 5.2            | 13.06 | 9.3            | 41.89 | 13.4           | 87.04  | 17.5           | 148.32 | 21.6           | 226.32 |
| 5.3            | 13.49 | 9.4            | 42.66 | 13.5           | 88.13  | 17.6           | 149.94 | 21.7           | 228.08 |
| 5.4            | 13.92 | 9.5            | 43.41 | 13.6           | 89.23  | 17.7           | 151.04 | 21.8           | 229.84 |
| 5.5            | 14.37 | 9.6            | 44.19 | 13.7           | 90.33  | 17.8           | 152.81 | 21.9           | 231.61 |
| 5.6            | 14.81 | 9.7            | 44.96 | 13.8           | 91.44  | 17.9           | 154.26 | 21.10          | 233.39 |
| 5.7            | 15.26 | 9.8            | 45.76 | 13.9           | 92.57  | 17.10          | 155.51 | 21.11          | 235.17 |
| 5.8            | 15.72 | 9.9            | 46.54 | 13.10          | 93.69  | 17.11          | 157.16 | 22.0           | 236.97 |
| 5.9            | 16.19 | 9.10           | 47.34 | 13.11          | 95.50  | 18.0           | 158.63 | 22.1           | 238.77 |
| 5.10           | 16.66 | 9.11           | 48.14 | 14.0           | 95.96  | 18.1           | 160.10 | 22.2           | 240.57 |
| 5.11           | 17.13 | 10.0           | 48.96 | 14.1           | 97.10  | 18.2           | 161.58 | 22.3           | 242.38 |
| 6.0            | 17.63 | 10.1           | 49.47 | 14.2           | 98.26  | 18.3           | 163.07 | 22.4           | 244.20 |
| 6.1            | 18.11 | 10.2           | 50.60 | 14.3           | 99.41  | 18.4           | 164.56 | 22.5           | 246.64 |
| 6.2            | 18.62 | 10.3           | 51.44 | 14.4           | 100.57 | 18.5           | 166.05 | 22.6           | 247.86 |
| 6.3            | 19.14 | 10.4           | 52.77 | 14.5           | 101.76 | 18.6           | 167.57 | 22.7           | 249.70 |
| 6.4            | 19.70 | 10.5           | 53.12 | 14.6           | 102.94 | 18.7           | 169.08 | 22.8           | 251.55 |
| 6.5            | 20.15 | 10.6           | 53.97 | 14.7           | 104.13 | 18.8           | 170.60 | 22.9           | 253.40 |
| 6.6            | 20.69 | 10.7           | 54.83 | 14.8           | 105.23 | 18.9           | 172.13 | 22.10          | 255.26 |
| 6.7            | 21.20 | 10.8           | 55.70 | 14.9           | 106.52 | 18.10          | 173.64 | 22.11          | 257.13 |
| 6.8            | 21.76 | 10.9           | 56.58 | 14.10          | 107.66 | 18.11          | 175.20 | 23.0           | 259.00 |
| 6.9            | 22.31 | 10.10          | 57.46 | 14.11          | 108.94 | 19.0           | 176.75 | 23.1           | 260.88 |
| 6.10           | 22.85 | 10.11          | 58.00 | 15.0           | 110.16 | 19.1           | 178.30 | 23.2           | 262.70 |
| 6.11           | 23.50 | 11.0           | 59.24 | 15.1           | 111.39 | 19.2           | 179.86 | 23.3           | 264.60 |
| 7.0            | 23.90 | 11.1           | 60.14 | 15.2           | 112.69 | 19.3           | 181.43 | 23.4           | 266.50 |

NEW ENGLAND  
Steam Cooperage Company,

— MANUFACTURERS OF —

SQUARE TANKS.



In computing capacity of square tanks, multiply inside length, breadth and depth, in inches, together, and divide by 231. The quotient will be the capacity in gallons. 1 gallon of water weighs  $8\frac{1}{4}$  pounds, and measures 231 cubic inches. A box  $6 \times 6 \times 6\frac{1}{2}$  inches inside will hold a gallon.



# ROUND, OVAL AND SQUARE TANKS

Of any shape or capacity, up to 100,000 gallons.

PULP AND ALL KINDS OF LIQUIDS.

Paper Manufacturers'

BOILING AND SIZE TUBS.

STUFF CHESTS.

DRAINERS.

BROKEN TUBS.

STRAW KETTLES.

Water Tanks, Etc.

## SIZE AND CAPACITY OF ROUND TANKS.

|                             |         | OUTSIDE LENGTH OF STAVE IN FEET. |       |       |       |       |       |       |       |    |
|-----------------------------|---------|----------------------------------|-------|-------|-------|-------|-------|-------|-------|----|
|                             |         | Mean<br>Feet. Diameter.          | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12 |
| OUTSIDE DIAMETER OF BOTTOM. | Ft. In. | 1                                | 2     | 3     | 4     | 5     | 6     | 7     | 8     |    |
|                             | 4 3.5   | 314                              | 382   | 450   | 518   | 586   | 654   | 722   | 790   |    |
|                             | 5 4.5   | 525                              | 640   | 754   | 862   | 982   | 1096  | 1210  | 1324  |    |
|                             | 6 5.5   | 790                              | 962   | 1134  | 1306  | 1478  | 1650  | 1822  | 1997  |    |
|                             | 7 6.5   | 1108                             | 1350  | 1592  | 1834  | 2075  | 2317  | 2559  | 2800  |    |
|                             | 8 7.5   | 1481                             | 1804  | 2127  | 2450  | 2773  | 3096  | 3419  | 3742  |    |
|                             | 9 8.5   | 1945                             | 2369  | 2793  | 3155  | 3572  | 3989  | 4406  | 4823  |    |
|                             | 10 9.5  | 2387                             | 2908  | 3429  | 3950  | 4471  | 4992  | 5513  | 6034  |    |
|                             | 12 11.5 | 3520                             | 4288  | 5056  | 5824  | 6592  | 7360  | 8128  | 8896  |    |
|                             | 14 13.5 | 4847                             | 5904  | 6961  | 8019  | 9075  | 10132 | 11190 | 12247 |    |
|                             | 16 15.5 | 6400                             | 7796  | 9192  | 10588 | 11984 | 13380 | 14776 | 16172 |    |
|                             | 18 17.5 | 8157                             | 9937  | 11717 | 13497 | 15277 | 17057 | 18837 | 20617 |    |
|                             | 20 19.5 | 10151                            | 12366 | 14581 | 16796 | 19011 | 21226 | 23441 | 25656 |    |
|                             |         |                                  |       |       |       |       |       |       |       |    |

To find the capacity of a tank of any desired dimensions, find the diameter of the bottom in the first column: the height in the figures over the table and the intersecting square will contain the capacity in gallons, and the number of the tank directly over it. In sending orders for tanks, or information, please send its number with the order. Any intermediate size made if desired.



# Reservoir Tanks,

— FOR —

Factories, Farms, Towns,

Villages, Public Buildings,

Private Dwellings,

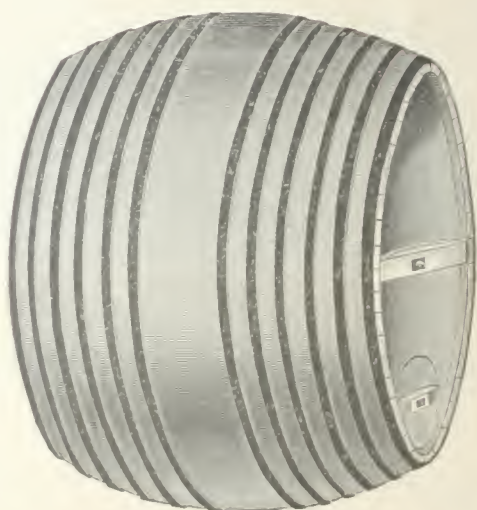
ELEVATORS, WIND MILLS,

— AND —

Railway Water Supply Stations.

NEW ENGLAND  
Steam Cooperage Company,

— MANUFACTURERS OF —



BEER AND WINE CASKS

— OF ALL —

SIZES AND SHAPES.



BREWERS',  
DISTILLERS' AND MALSTERS'



STOCK and STORAGE VATS,

Fermenting Tubs, Generators,

Mash Tubs,

Receivers,

Boiling Tubs,

HOT AND COLD WATER TUBS, HOP JACKS.



NEW ENGLAND PAPER CORPORATION — BOSTON, MASS.

## ALE AND LAGER BEER COOPERAGE.



SPECIAL ATTENTION is given to this department of our work, which is yearly increasing, and at this time we have large orders from the New England and New York brewers. We own large tracts of timber land in the Western and Southern States, and receive our supplies of white oak stock direct from the stump. All our hoops are soft Norway steel, rolled to order, and we guarantee the same weight of steel on each package that other manufacturers use of iron. Our experience teaches us that we save from fifteen to twenty per cent. on broken hoops; also giving the brewers a stronger package than any now in the market. Having improved machinery, we guarantee capacity of that ordered, and use only well seasoned first-class stock of an equalized thickness. All packages are well shellaced on the inside, unless otherwise ordered, and goods are delivered in any part of New England or New York.

We have, in addition to and connected with our factory, a large storehouse, where we keep in stock all kinds of packages, thus enabling us to fill orders promptly at short notice.

NEW ENGLAND  
STEAM COOPERAGE COMPANY,  
MANUFACTURERS OF



ALE HOGSHEADS



NEW ENGLAND  
Steam Cooperage Company,

— BOSTON, MASS. —



ALE AND LAGER BEER  
— BARRELS. —

NEW ENGLAND  
STEAM COOPERAGE COMPANY,

— MANUFACTURERS OF —



HALF BARRELS,  
QUARTER BARRELS,  
SIXES AND EIGHTHS.

## White Oak Cask Shooks.

Storage Cask Shook.

Hogshead Shook.

Barrel Shook.

Half Barrel Shook.

Quarter Barrel Shook.

Sixth Barrel Shook.

Eighth Barrel Shook.

## Staves and Heading.

Pipe Shook.

Hogshead Shook.

Claret Shook.

Wine Shook.

Oil Shook.

Water Shook.

Molasses Shook.

Sugar Shook.

Keg Shook.

**NEW ENGLAND  
STEAM COOPERAGE COMPANY.**



*Special Attention is given to the manufacture of*

=====*Ship's Cooperage,*=====

*and we use nothing but the best galvanized iron on all our*

**WATER CASKS,  
Oval Breakers, Deck Buckets,  
... AND ...  
SHIP'S SQUARE WATER TANKS.**

**COAL TUBS,  
HOISTING TUBS, AND MORTAR PAILS.**





# White Oak Kegs, Buckets and Pails,



— FOR —



**PAINTS,**

WHITE LEAD, LITHARGE, DRUGS,

**Water Coolers,**

**Well Buckets,**

**Oysters,**

and all other purposes.

**STANDARD SIZES CONSTANTLY ON HAND.**

Swill, Sanitary and Night Soil

## **BARRELS.**

**Largest Manufactory in New England.**

In conclusion would add, that, as we solicit your patronage, no effort will be spared to please our customers, and if you want anything in the cooperage line not shown in this catalogue, and will kindly write us, we will cheerfully answer all correspondence, giving information required. We shall be pleased to make estimates and quote prices on all styles of cooperage work for home or export trade.

## NEW ENGLAND STEAM COOPERAGE CO.,

Office, 160 State Street,

BOSTON MASS.





NEW ENGLAND STEAM COOPERAGE CO.,

— MANUFACTURERS OF —

# Tanks, Casks, and Kegs

OF ALL DESCRIPTIONS.

Stock and Storage

CASKS,

MASH TUBS,

RESERVOIRS,

Staves and  
Heading,

ALE AND BEER

COOPERAGE.



Cisterns and Tanks

— FOR —

BREWERS,

CHEMICALS,

Vinegar Works,

PAPER MILLS,

RAILROADS.

## BOX TANKS, CISTERNS, TANKS, AND VATS

Of Cedar, Cypress, Pine or Oak, for Pulp and Liquids,  
of any desired shape or size.

## Ship's Square Tanks and Water Casks,

And all kinds of Coopers' Ware for ship's use.

WHITE OAK KEGS AND BUCKETS FOR WHITE LEAD,

and all kinds of Cooperage Work for home or export trade.

*Largest Manufactory in New England.*

Correspondence solicited and prices given upon application.

OFFICE, 160 STATE ST., BOSTON.

*Connected by Telephone.*